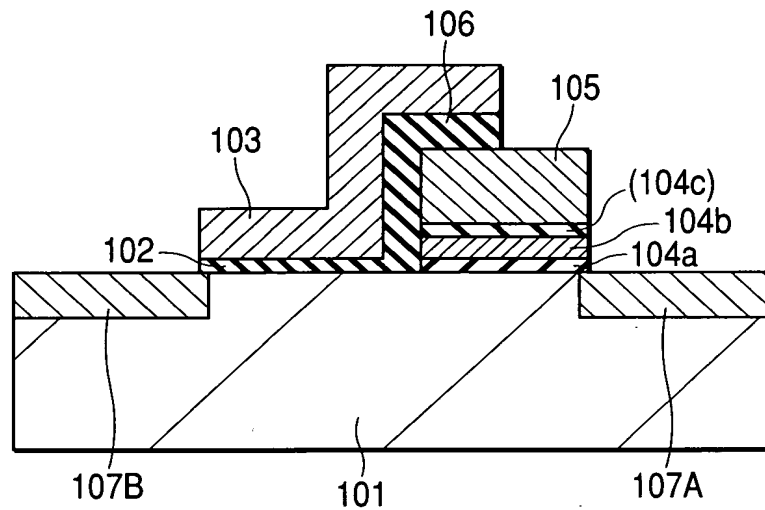


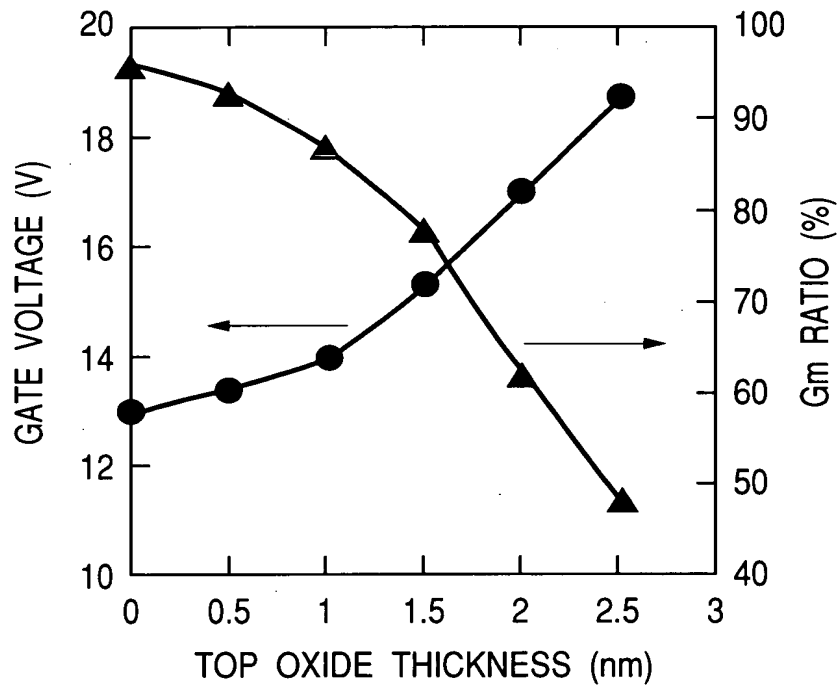
**FIG. 1**



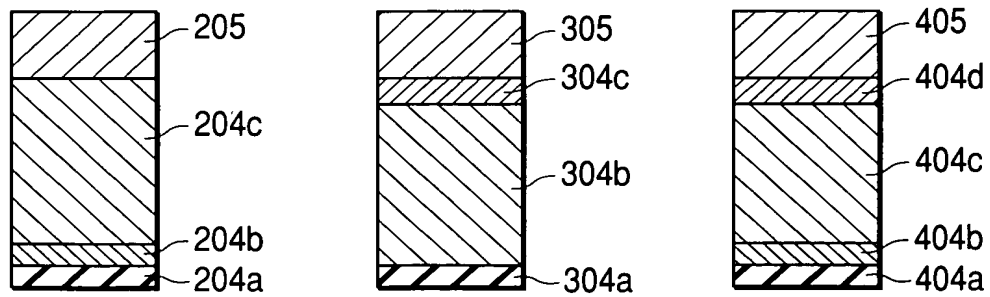
**FIG. 2**

	Vsg	Vmg	Vs	Vd	Vwell	METHOD (TECHNIQUE)
WRITE (INJECTION)	$\sim V_t$	10V	5V	0V	0V	SOURCE SIDE INJECTION
ERASE (DISCHARGE)	0V	VARIABLE	0V	0V	0V	TUNNELING
READ	1.8V	0V	0V	1.8V	0V	REVERSE READ
	1.8V	0V	1.8V	0V	0V	FORWARD READ

**FIG. 3**

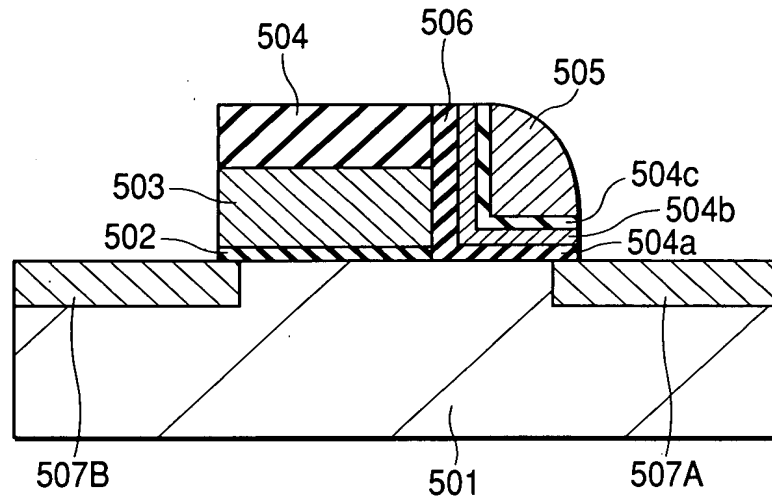


**FIG. 4**



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**FIG. 5**

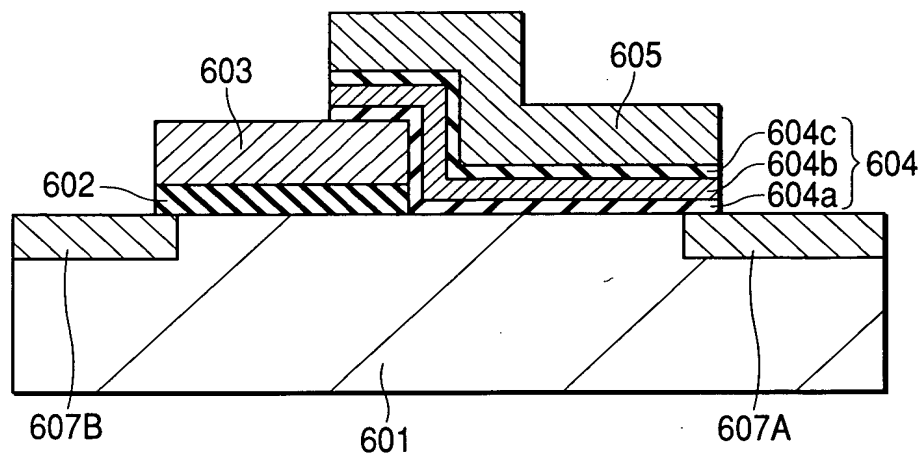


**FIG. 6**

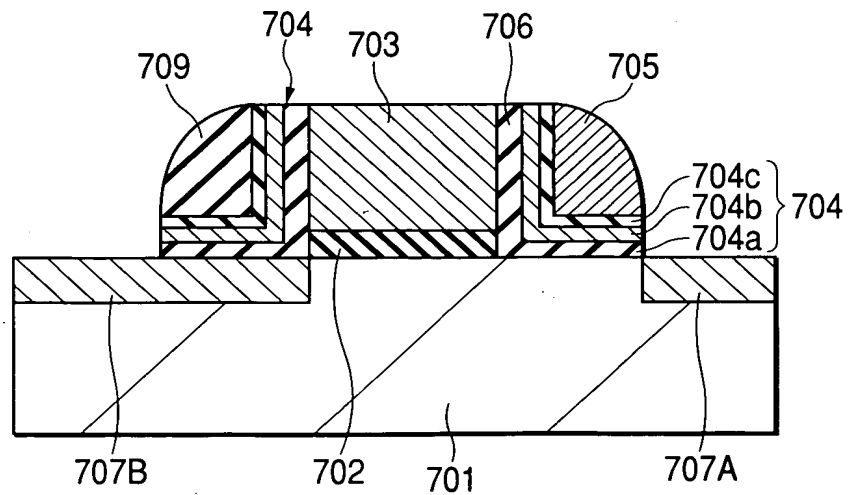
	Vsg	Vmg	Vs	Vd	Vwell	METHOD (TECHNIQUE)
WRITE (INJECTION)	$\sim V_t$	10V	5V	0V	0V	SOURCE SIDE INJECTION
ERASE (DISCHARGE)	0V	-6V	0V	5~7V	0V	(HOT HOLE INJECTION)
READ	1.8V	0V	0V	1.8V	0V	REVERSE READ
	1.8V	0V	1.8V	0V	0V	FORWARD READ

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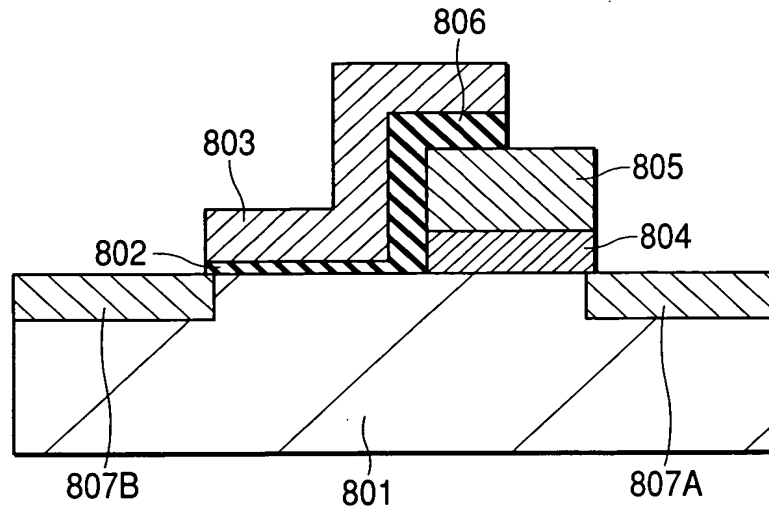
**FIG. 7**



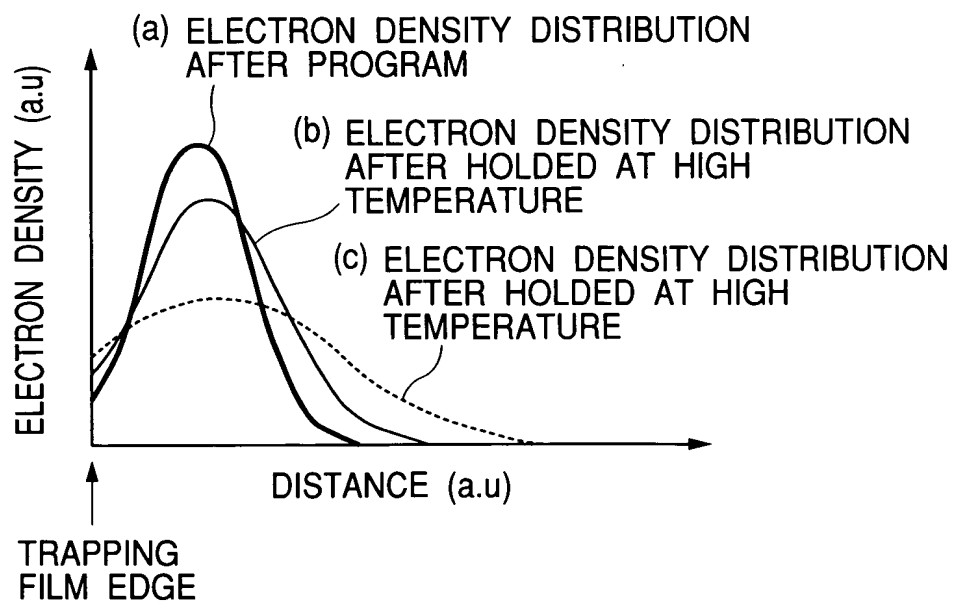
**FIG. 8**



**FIG. 9**



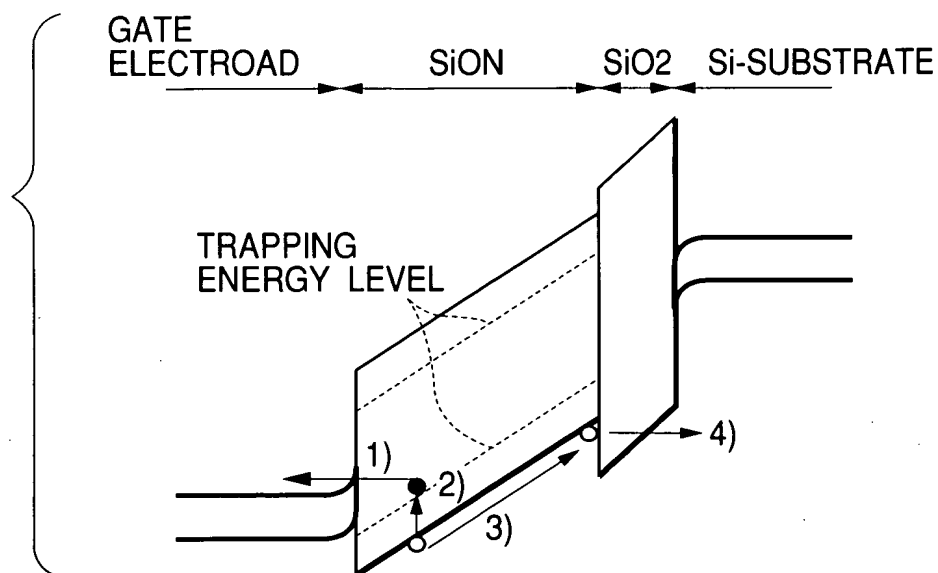
**FIG. 10**



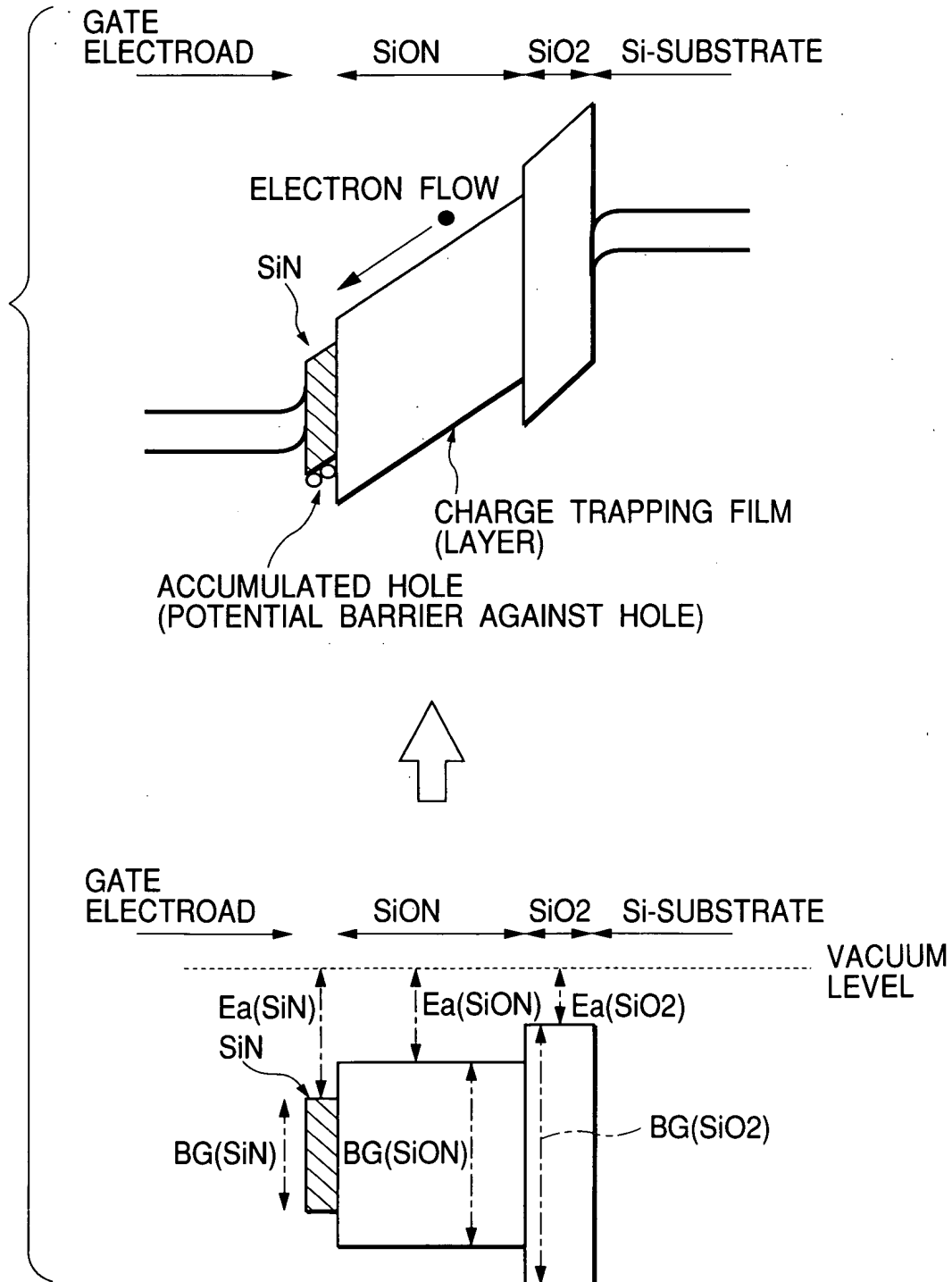
**FIG. 11**

	STACK FILMS STRUCTURE	MAIN TRAPPING FILM	POTENTIAL BARRIER FILM	OXYGEN CONCENTRATION OF SiON FILM
1	SiO <sub>2</sub> /SiON	SiON	NONE	
2	SiO <sub>2</sub> /SiON/SiO <sub>2</sub>	SiON	SiO <sub>2</sub>	
3	SiO <sub>2</sub> /SiON/SiN	SiON	NONE	
4	SiO <sub>2</sub> /SiN/SiON	SiON	NONE	
5	SiO <sub>2</sub> /SiON(1)/SiON(2)	(a) SiON(1)	NONE	SiON(1)>SiON(2)
		(b) SiON(2)	NONE	
6	SiO <sub>2</sub> /SiN(1)/SiON/SiN(2)	SiON	NONE	
7	SiO <sub>2</sub> /SiON(1)/SiN/SiON(2)	(a) SiON(1)	NONE	SiON(1)>SiON(2)
		(b) SiON(2)	NONE	

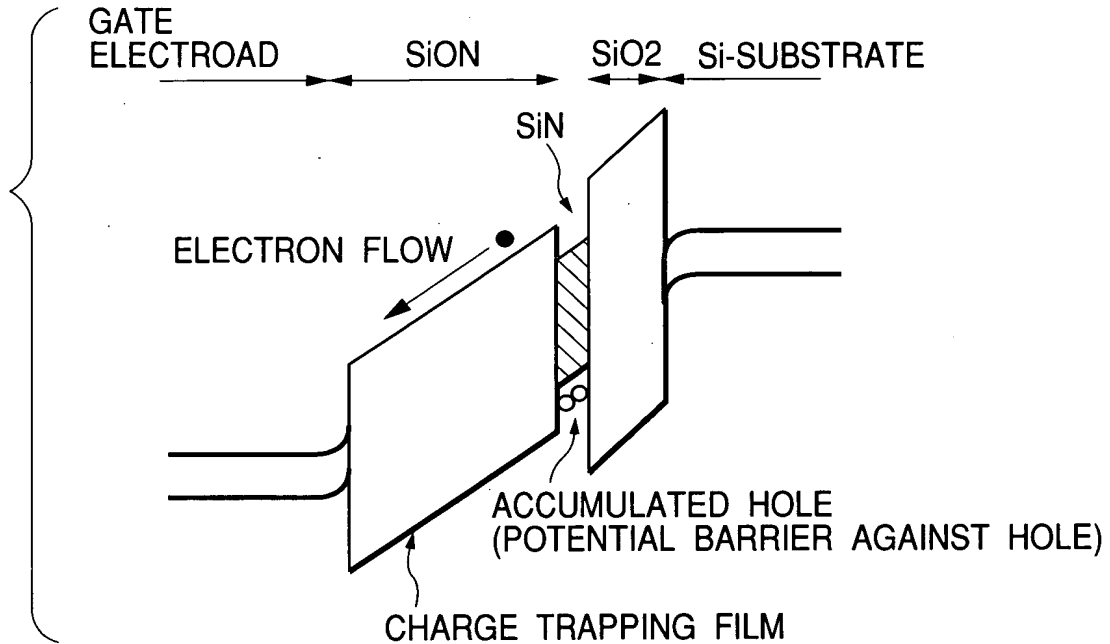
**FIG. 12**



**FIG. 13**



**FIG. 14**



**FIG. 15**

